

**FORM PTO-1449 TO BE FILED WITH  
INFORMATION DISCLOSURE STATEMENT**

U.S. Department of Commerce  
Patent and Trademark Office

Atty. Docket No. BOW1335-003C Serial No. Not Yet Rec'd

INFORMATION  
DISCLOSURE STATEMENT  
BY APPLICANTS

Gruenwald et al.  
Applicant

11/24/2003  
Filing Date

3618  
Group Art Unit

J. Shriver  
Examiner's name

**U.S. PATENT DOCUMENTS**

Examiner's Initial	Document Number	Date	Name	Class/Sub-class
JTS	4,766,967	08/1988	Slicker et al.	180/54.1
AS	5,214,358	05/1993	Marshall	318/139
JTS	5,323,868	06/1994	Kawashima	180/65.4
JTS	5,789,882	08/1998	Ibaraki et al.	318/139
JTS	5,806,617	09/1998	Yamaguchi	180/65.2
JTS	5,898,282	04/1999	Drozdz et al.	318/139
JTS	5,910,722	06/1999	Lyons et al.	320/104
JTS	5,939,794	08/1999	Sakai et al.	290/40 A
JTS	5,939,848	08/1999	Yano	318/139
JTS	5,941,328	08/1999	Lyons et al.	180/65.1
JTS	6,073,712	06/2000	Buglione	180/65.2
JTS	6,098,733	08/2000	Ibaraki et al.	180/65.2
JTS	6,116,368	09/2000	Lyons et al.	180/165
JTS	6,124,690	09/2000	Yano et al.	318/376
JTS	6,137,250	10/2000	Hirano et al.	318/376
JTS	6,205,379	03/2001	Morisawa et al.	701/22
JTS	6,209,672 B1	04/2001	Severinsky	180/65.2
JTS	6,177,773 B1	01/2001	Nakano et al.	318/376
JTS	6,232,744 B1	05/2001	Kawai et al.	320/132
JTS	6,233,508 B1	05/2001	Deguchi et al.	701/22
JTS	6,234,932 B1	05/2001	Kuroda et al.	477/3
JTS	6,242,873	06/2001	Drozdz et al.	318/139

---

**FOREIGN PATENT DOCUMENTS**

---

Examiner's Initial	Document Number	Date	Country/Name	Translation? yes/no
	NONE			

---

---

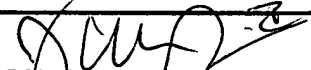
**OTHER DOCUMENTS**

---

- JB 1. VITERNA, Larry A., HYBRID ELECTRIC TRANSMIT BUS, Automotive Engineering International, November 1998, pp. 127-129.
- JB 2. HAZARD, Greg, ELECTRIC RACECAR SERIES FOR USA STUDENTS, Racecar, Vol. 9, No. 4, May, 1999, pp. 35-38.
- JB 3. BREWSTER, Dennis et al., BGSU ELECTRIC FALCON, TOTALLY CHARGED, Spring, 1998, 4 pp.
- JB 4. BREWSTER, Dennis et al., BGSU ELECTRIC FALCON, TOTALLY CHARGED, Spring, 1999, 4 pp.
- JB 5. Hybrid Electric Vehicle Program, ENERGY SECURITY AND CLEAN AIR, <http://www.hev.doe.gov/general/ontheroad.html>, August, 1999, 6 pp.
- JB 6. Hybrid Electric Vehicle Program, BATTERIES, <http://www.hev.doe.gov/components/batteries.html>, August, 1999, 3 pp.
- JB 7. Hybrid Electric Vehicle Program, SERIES HYBRID VEHICLE, <http://www.hev.doe.gov/general/series.html>, August, 1999, 1 pp.

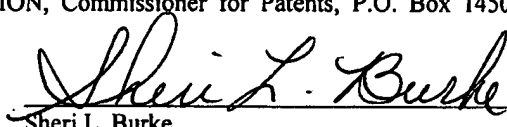
- JB 8. Hybrid Electric Vehicle Program, SERIES HYBRID VEHICLES,  
<http://www.hev.doe.gov/general/parallel.html>, August, 1999, 1 pp.
- JB 9. Hybrid Electric Vehicle Program, HYBRID ELECTRIC VEHICLE COMPONENT  
INFORMATION, <http://www.hev.doe.gov/components/component.html>, August,  
1999, 2 pp.
- JB 10. Hybrid Electric Vehicle Program - Components, MOTOR/CONTROLLER,  
[http://www.hev.doe.gov/components/motor\\_controller.html](http://www.hev.doe.gov/components/motor_controller.html), August, 1999, 1 pp.
- JB 11. Hybrid Electric Vehicle Program - Components, ELECTRIC ENERGY STORAGE,  
<http://www.hev.doe.gov/components/storage.html>, August, 1999, 2 pp.
- JB 12. Hybrid Electric Vehicle Program - Components, ULTRACAPACITORS,  
<http://www.hev.doe.gov/components/ultra.html>, August, 1999, 1 pp.
- JB 13. Hybrid Electric Vehicle Program - Components, HYBRID POWER UNIT (HPU),  
<http://www.hev.doe.gov/components/apu.html>, August, 1999, 1 pp.
- JB 14. Hybrid Electric Vehicle Program - Components, FUEL CELL,  
<http://www.hev.doe.gov/components/fuelce.html>, August, 1999, 1 pp.
- JB 15. Hybrid Electric Vehicle Program - Components, FUELS,  
<http://www.hev.doe.gov/components/fuel.html>, August, 1999, 2 pp.
- JB 16. Hybrid Electric Vehicle Program, HEV EMISSION CONTROL,  
<http://www.hev.doe.gov/general/emission.html>, August, 1999, 1 pp.
- JB 17. Hybrid Electric Vehicle Program - Components, ENERGY MANAGEMENT AND  
SYSTEM CONTROL, <http://www.hev.doe.gov/components/energman.html>,  
August, 1999, 2 pp.

- JB 18. Hybrid Electric Vehicle Program - Components, THERMAL MANAGEMENT OF HEV COMPONENTS, <http://www.hev.doe.gov/components/thermal.html>, August, 1999, 2 pp.
- JB 19. Hybrid Electric Vehicle Program - Components, REGENERATIVE BRAKING, <http://www.hev.doe.gov/components/regen.html>, August, 1999, 1 pp.
- JB 20. Exploratorium Snack Home Page, STRIPPED DOWN MOTOR, [http://www.exploratorium.edu/snacks/stripped\\_down\\_motor.html](http://www.exploratorium.edu/snacks/stripped_down_motor.html), August, 1999, 4 pp.

Examiner 	Date Considered 2/7/05
--	------------------------

Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

The identification of any document herein is not intended to be, and should not be understood as being, an admission that each such document, in fact, constitutes "prior art" within the meaning of applicable law since, for example, a given document may have a later effective date than at first seems apparent or the document may have an effective date which can be antedated. The "prior art" status of any document is a matter to be resolved during prosecution.

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.10	
"Express Mail" Number: EL983327714US	Date of Deposit: November 24, 2003
I hereby certify that this correspondence is being deposited with the U.S. Postal Service as U.S. Express Mail in an envelope addressed to MAIL STOP PATENT APPLICATION, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.	
 Sheri L. Burke	